

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input type="checkbox"/>		LAC -108	
		CHANGE PROPOSAL <input checked="" type="checkbox"/>			
DATE 4-14-61		AFFECTS: WSPO <input checked="" type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>	
NAME OF MAJOR COMPONENT AIRPLANE		PART OR LOWEST SUBASSEMBLY DRAG CHUTE DOORS		PART NO. & MODEL OR TYPE	
TITLE OF PROPOSAL : IMPROVED DRAG CHUTE DOORS					
NATURE OF PROPOSAL : SEE PAGE 2					
REASON FOR PROPOSAL : To improve the locking of the drag chute doors and to strengthen them to obtain longer service life.					
ES		ESTIMATED COST AND TIME INVOLVED : - - -			
		ADDITIONAL FUNDING REQUIRED : - - -			
CP		ESTIMATED COST FOR KITS OR PARTS : See Page 3			
		ADDITIONAL FUNDING REQUIRED : Yes (SP-1918)			
ITEMS AFFECTED BY PROPOSAL :					
SAFETY <input type="checkbox"/>	MISSION EFFECTIVENESS <input type="checkbox"/>	PERFORMANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR WEIGHT & BALANCE <input type="checkbox"/>
					TOOLS & SUPPORT EQUIPMENT <input type="checkbox"/>
					MAINTENANCE PROCEDURE <input checked="" type="checkbox"/>
					SERVICE LIFE <input checked="" type="checkbox"/>
					FLIGHT MANUAL <input type="checkbox"/>
					MAINTENANCE MANUAL <input checked="" type="checkbox"/>
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD					
SOURCE OF PARTS FOR KIT LAC			AVAILABILITY - - WEEKS AFTER APPROVAL See Page 3		
DISPOSITION OF SPARES AFFECTED Return and rework all spares per Customer Rework Order Request.					
STAT					
INITIATED BY : LAC			APPROVED : WSPO		
Approved For Release 2004/05/13 : CIA-RDP89B00980R000300010013-7					

NATURE OF PROPOSAL:

The drag chute doors will be modified as follows:

1. Increase the space for the drag chute by eliminating the forward bulkhead.
2. Increase the gauge of the outer skin from .025 to .040 aluminum, and the remaining bulkheads from .032 to 051 aluminum.
3. Add an .063 aluminum inner skin along the vertical sides of the doors.
4. The gauge of the bottom deflector skin will be increased from .020 to .032 steel.
5. Re-design the striker plate for the latch lock to obtain adjustability so that the correct adjustment in the locked position will be maintained.
6. The locking mechanism will be modified in order that the doors can be locked from the outside by direct engagement through a slotted screw. Existing lock and cable system to be used.
7. A tongue type interlock will be incorporated to eliminate fore-and-aft vibration to prevent inadvertent door opening during flight.
8. Prepare and issue a Service Bulletin and fabricate kits.
9. Modification to be accomplished at the factory during IRAN.

ESTIMATED COST FOR KITS OR PARTS:

Customer #1

1. Fabricate & assemble 8 kits (SP-1918)
[] kit *
2. Installation at IRAN 8 articles (SP-1918)
[] article

Total Cost Customer #1

* Kit price is based upon salvaging the locking mechanism on the present drag chute doors.

Customer #2

1. Fabricate & assemble 31 kits (SP-1918)
[] kit *
2. Installation at IRAN 31 articles (SP-1918)
[] article

Total Cost Customer #2

* Kit price is based upon salvaging the locking mechanism on the present drag chute doors.

DELIVERY SCHEDULE:

Availability of Kits: 1st Kit 75 days from approval. The balance of the kits are scheduled one kit every seven days. Kits to be held at the contractor's facility.

1. To install salvaged locking mechanism from old drag chute doors.
2. To install new drag chute doors at time of IRAN.